

**DECLARATION FOR UTILITY PATENT APPLICATION**

AS BELOW-NAMED INVENTORS, WE HEREBY DECLARE THAT:

Our residences, post office addresses, and citizenships are as stated below next to our names.

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled: **INITIALIZING A CARRY CHAIN IN A PROGRAMMABLE LOGIC DEVICE**, the specification of which is attached hereto unless the following box is checked:

☐ was filed on as United States Application Serial No. (Not Yet Assigned).

WE HEREBY STATE THAT WE HAVE REVIEWED AND UNDERSTAND THE CONTENTS OF THE ABOVE-IDENTIFIED SPECIFICATION, INCLUDING THE CLAIMS, AS AMENDED BY ANY AMENDMENT REFERRED TO ABOVE.

We acknowledge the duty to disclose information which is material to the patentability as defined in 37 C.F.R. § 1.56.

We hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Application No.	Country	Date of Filing (day/month/year)	Priority Claimed?
			<input type="checkbox"/> Yes <input type="checkbox"/> No

We hereby claim benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Application Serial No.	Filing Date

We hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, we acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

Application Serial No.	Filing Date	Status
		<input type="checkbox"/> Patented <input type="checkbox"/> Pending <input type="checkbox"/> Abandoned

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under § 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

3/4/04  
Date

Andy L. Lee  
Name: Andy L. LEE  
Residence: San Jose, California  
Citizenship: United States of America  
Post Office Address: 6936 Rainbow Drive, San Jose, California 95129

3/4/04  
Date

Ninh NGO  
Name: Ninh NGO  
Residence: San Jose, California  
Citizenship: United States of America  
Post Office Address: 5305 Centerhart Court, San Jose, California 95123

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name: Vaughn BETZ  
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Post Office Address: 233 Riverside Drive, Toronto, Ontario, Canada M6S 4A8

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name: David LEWIS  
Residence: Toronto, Ontario, Canada  
Citizenship: Canada  
Post Office Address: 188 Howland Avenue, Toronto, Ontario, Canada M5R 3B6

March 3 2004  
Date

Bruce PEDERSEN  
Name: Bruce PEDERSEN  
Residence: Sunnyvale, California  
Citizenship: United States of America  
Post Office Address: 1063 Morse Avenue #21300, Sunnyvale, CA 94089

3/4/04  
Date

James SCHLEICHER  
Name: James SCHLEICHER  
Residence: Santa Clara, California  
Citizenship: United States of America  
Post Office Address: ~~643 Main Street, Santa Clara, California 95050~~  
215 San Mateo Ave, Los Gatos CA 95030

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\_\_\_\_\_  
Date

\_\_\_\_\_  
Name: Andy L. LEE  
Residence: San Jose, California  
Citizenship: United States of America  
Post Office Address: 6936 Rainbow Drive, San Jose, California 95129

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name: Ninh NGO  
Residence: San Jose, California  
Citizenship: United States of America  
Post Office Address: 5305 Centerhart Court, San Jose, California 95123

*March 11/09*  
Date

*Vaughn*  
\_\_\_\_\_  
Name: Vaughn BETZ  
Residence: Toronto, Ontario, Canada  
Citizenship: Canada  
Post Office Address: 233 Riverside Drive, Toronto, Ontario, Canada M6S 4A8

*Mar 9/09*  
Date

*David*  
\_\_\_\_\_  
Name: David LEWIS  
Residence: Toronto, Ontario, Canada  
Citizenship: Canada  
Post Office Address: 188 Howland Avenue, Toronto, Ontario, Canada M5R 3B6

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name: Bruce PEDERSEN  
Residence: Sunnyvale, California  
Citizenship: United States of America  
Post Office Address: 1063 Morse Avenue #21300, Sunnyvale, CA 94089

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name: James SCHLEICHER  
Residence: Santa Clara, California  
Citizenship: United States of America  
Post Office Address: 643 Main Street, Santa Clara, California 95050

Docket No.: 306812006200  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

\_\_\_\_\_  
In re Patent Application of:  
Andy L. LEE et al.

Application No.: Not Yet Assigned

Group Art Unit: Not Yet Assigned

Filed: Herewith

Examiner: Not Yet Assigned

For: INITIALIZING A CARRY CHAIN IN A  
PROGRAMMABLE LOGIC DEVICE

**POWER OF ATTORNEY**

MS Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

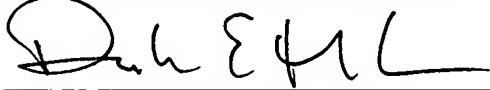
The undersigned hereby appoints the following attorneys and/or agents to prosecute this application and transact all business in the U.S. Patent and Trademark Office connected herewith:

All practitioners at Customer Number 20872.

Address all communications to:

Peter J. Yim  
MORRISON & FOERSTER LLP  
425 Market Street  
San Francisco, California 94105  
(415) 268-6373

For: ALTERA CORPORATION



\_\_\_\_\_  
Derek Minihaue, Director, Intellectual  
Property Law And Assistant Secretary

Dated: \_\_\_\_\_

3/12/04

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Andy L. LEE et al.Application No./Patent No.: Not Yet Assigned Filed/Issue Date: Concurrently HerewithEntitled: INITIALIZING A CARRY CHAIN IN A PROGRAMMABLE LOGIC DEVICEAltera Corporation, a corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %  
in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

**OR**

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

[ ] Additional documents in the chain of title are listed on a supplemental sheet.

- [x] Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

3/12/04  
Date  
(408) 544-7000  
Telephone Number

Derek Miniham, Reg. No. 39,774  
Typed or printed name  
[Signature]  
Signature  
Director, Intellectual Property Law And Assistant Secretary  
Title

Attorney Docket No. 306812006200

**ASSIGNMENT  
JOINT**

**COPY**

THIS ASSIGNMENT, by Andy L. LEE, Ninh NGO, Vaughn BETZ, David LEWIS, Bruce PEDERSEN and James SCHLEICHER (hereinafter referred to as the assignors), residing at 6936 Rainbow Drive, San Jose, California 95129; 5305 Centerhart Court, San Jose, California 95123; 233 Riverside Drive, Toronto, Ontario, Canada M6S 4A8; 188 Howland Avenue, Toronto, Ontario, Canada M5R 3B6; 1063 Morse Avenue #21300, Sunnyvale, CA 94089; and 643 Main Street, Santa Clara, California 95050, respectively, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in **INITIALIZING A CARRY CHAIN IN A PROGRAMMABLE LOGIC DEVICE**, set forth in an application for Letters Patent of the United States, having an oath or declaration executed on even date herewith; and

WHEREAS, Altera Corporation, a corporation duly organized under and pursuant to the laws of Delaware and having its principal place of business at 101 Innovation Drive, San Jose, California 95134 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

3/4/04 Andy L. Lee  
Date Andy L. LEE

3/4/04 Ninh  
Date Ninh NGO

                                           
Date Vaughn BETZ

                                           
Date David LEWIS

March 3 2004 Bruce  
Date Bruce PEDERSEN

3/4/04 James  
Date James SCHLEICHER



COPY

# ASSIGNMENT JOINT

THIS ASSIGNMENT, by Andy L. LEE, Ninh NGO, Vaughn BETZ, David LEWIS, Bruce PEDERSEN and James SCHLEICHER (hereinafter referred to as the assignors), residing at 6936 Rainbow Drive, San Jose, California 95129; 5305 Centerhart Court, San Jose, California 95123; 233 Riverside Drive, Toronto, Ontario, Canada M6S 4A8; 188 Howland Avenue, Toronto, Ontario, Canada M5R 3B6; 1063 Morse Avenue #21300, Sunnyvale, CA 94089; and 643 Main Street, Santa Clara, California 95050, respectively, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in **INITIALIZING A CARRY CHAIN IN A PROGRAMMABLE LOGIC DEVICE**, set forth in an application for Letters Patent of the United States, having an oath or declaration executed on even date herewith; and

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NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

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AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

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\_\_\_\_\_  
Date Andy L. LEE

\_\_\_\_\_  
Date Ninh NGO

March 11/04  
\_\_\_\_\_  
Date Vaughn BETZ

May 9/04  
\_\_\_\_\_  
Date David LEWIS

\_\_\_\_\_  
Date Bruce PEDERSEN

\_\_\_\_\_  
Date James SCHLEICHER